



# Performance Shortram Air Intake Kit

## Part Number: 827-597

**2006-2013 Lexus IS250 2.5L**  
**2006-2013 Lexus IS350 3.5L**  
**2009-2013 Lexus IS250C 2.5L**  
**2009-2015 Lexus IS350C 3.5L**

## Installation Instructions

For technical inquiries please email us at [tech@hpsperformanceproducts.com](mailto:tech@hpsperformanceproducts.com)

In the email, please include the following information for faster response:

- Year / Make / Model / Engine of your vehicle.
- If it is a fitment issue, please include pictures showing the fitment problem.
- If there are missing parts, please list the part number(s) from the bill of materials on the 2nd page.
- Optional but recommended – Your contact phone number and preferred call back time.

You can also give us a call via 626-747-9200 for tech support Monday-Friday, 9:00am-5:00pm Pacific Time.

# Bill of Materials

## Kit Number: 827-597

Description	Prep	Part Number	Qty	Check
Upper Air Intake Pipe	1	529-333	1	
Heat Shield	2	531-335	1	
Intake Bracket	3	530-334	1	
HPS Air Filter	4	HPS-4276	1	
T-Bolt Clamp for 3.00" Hose	5	SSTC-79-87	1	
T-Bolt Clamp for 3.18" Hose	5	SSTC-83-91	1	
3.00" – 3.18" Reducer x 3.00" Long	5	P3SR-300-312-BLK	1	
Rubber Vibration Mount 6mm 1/2" Tall	5	HW-RM6-50	1	
Rubber Vibration Mount 6mm 1" Tall	5	HW-RM6-100	1	
6mm Bolt x 12mm Long	5	HW-B6-12	2	
6mm Flat Washer x 16mm OD	5	HW-FW6L	6	
6mm Flange Nut	5	HW-N6	3	
4mm Allen Bolts x 8mm long	5	HW-B4-8	2	
Thin Edge Trim 23" long	5	Edge Trim	1	
Edge Trim with Bulb 15" long	5	Edge Trim with Bulb	1	

- Before installing any parts of this intake system, please read the instructions thoroughly.
- Verify the contents of this intake kit before disassembling your vehicle.
- DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED. CONTACT [tech@hpsperformanceproducts.com](mailto:tech@hpsperformanceproducts.com) IMMEDIATELY. WE ARE NOT RESPONSIBLE FOR ANY DAMAGE CAUSED DUE TO IMPROPER INSTALLATION.
- Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.
- Do not attempt to install the intake system while the engine is hot.
- This installation may require removal of coolant lines that may be hot.
- For technical inquiries, please e-mail us at [tech@hpsperformanceproducts.com](mailto:tech@hpsperformanceproducts.com)

## **PLEASE READ CAREFULLY BEFORE INSTALLATION!**

This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

**NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.**

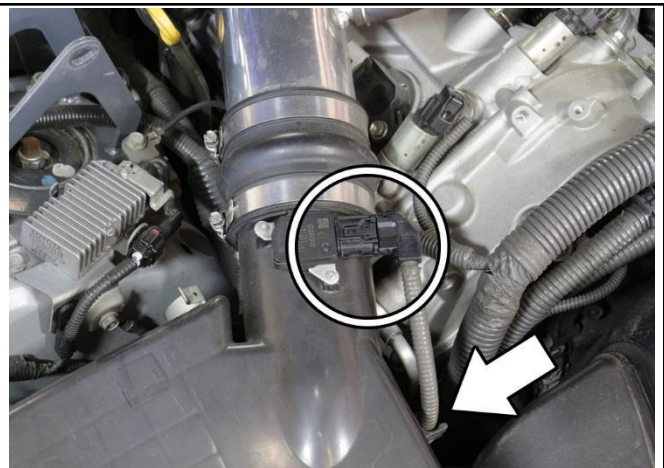
## **GETTING STARTED**

1. Turn the ignition OFF and disconnect the vehicle's negative battery cable. If the engine has run within the past two hours let it cool down.

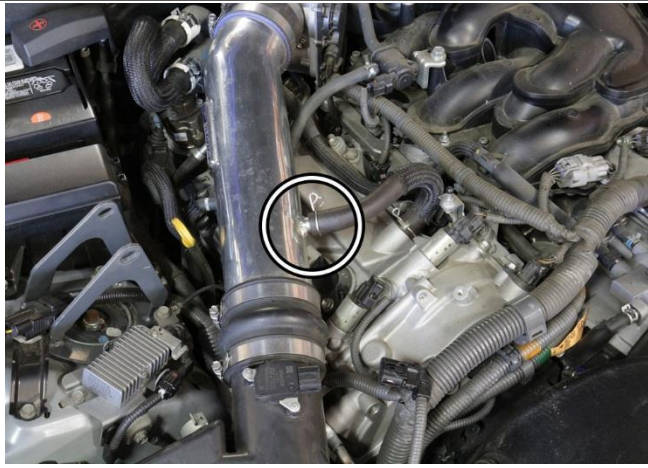
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicle's anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicle's anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



2. Lift and remove the engine cover from the vehicle. Remove the 12 plastic clips securing the air box cover and the radiator cooling panel. Remove the panels from the vehicle.



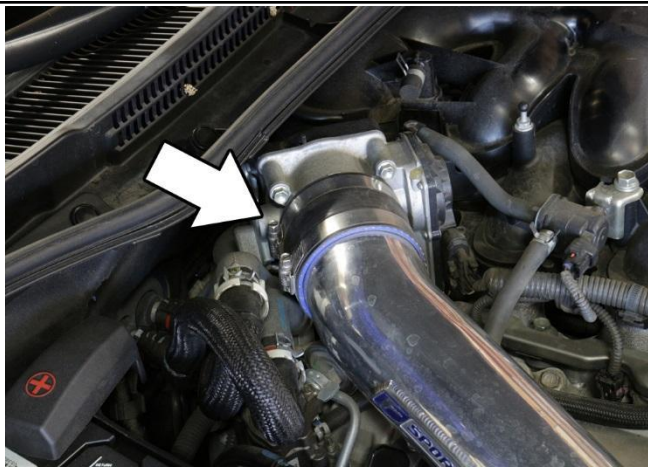
3. Disconnect the Mass Air Flow sensor connector, then remove the harness from the air box.



4. Loosen the clamp securing the breather hose from the intake tube and disconnect the hose from the intake.



5. Release the four retaining buckles securing the top portion of the air box.



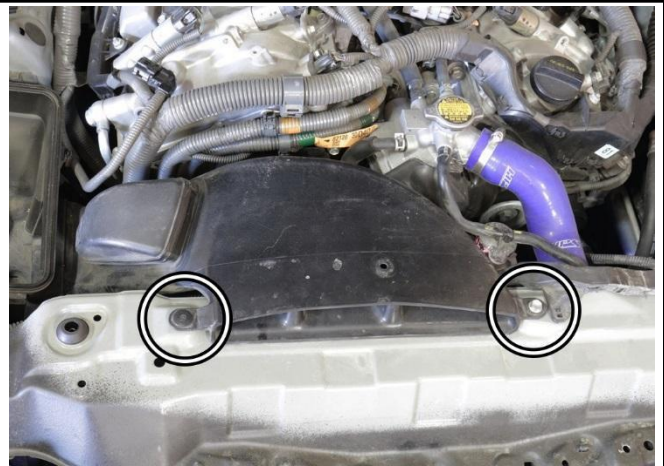
6. Loosen the hose clamp securing the throttle body.



7. Carefully lift up the air box to separate it from the base and disconnect the intake tube from the throttle body. Once it is free, you may remove it from the engine bay.



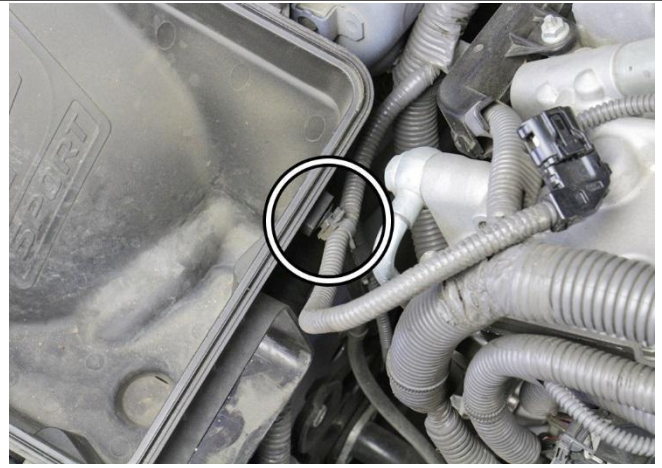
8. Remove the stock air filter from the vehicle.



9. Remove the retaining clip and the 10mm bolt securing the air induct. Remove the air induct from the stock air box.



10. Remove the two 10mm bolts securing the lower air box assembly.



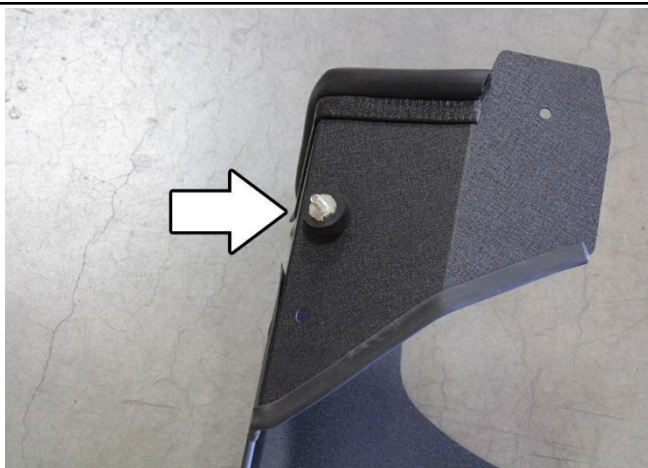
11. Remove the sensor harness clip from the lower air box. Once it is removed, you can remove the air box assembly from the vehicle.



12. Re-install the air induct back onto the vehicle.



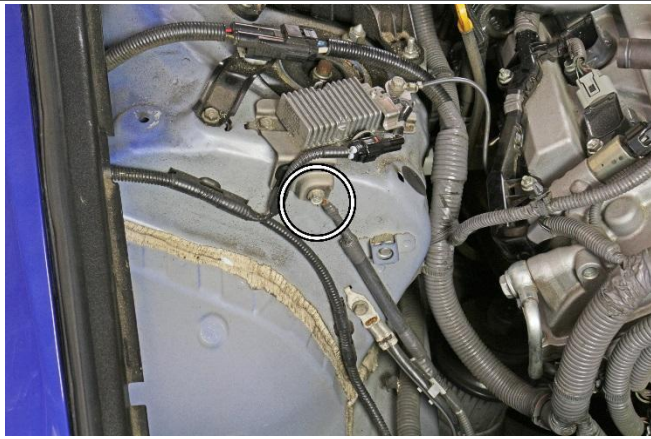
13. Install the bubble edge trim along the top edge, then the thin edge trim onto U channel the heat shield.



14. Install the 1/2 inch rubber vibration mount onto the heat shield. Secure the mount using the nut and washer provided in the hardware kit.



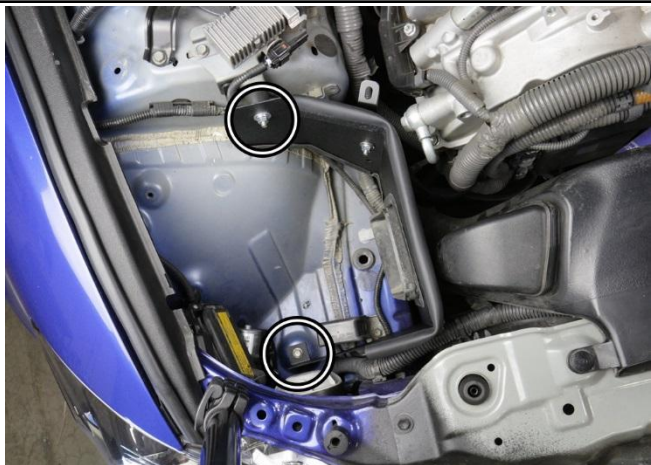
15. Install the intake bracket onto the rubber vibration mount using the nut and washer provided in the hardware kit.



16. Remove the ground bolt indicated in the image above.



17. Re-secure the ground wire by installing a washer, then the 1" vibration mount.



18. Install the heat shield into the engine bay using the factory mounting bolt and the vibration mount.



19. Install and secure the silicone coupler onto the throttle body using a supplied T-bolt clamp. Loosely fit the second T-bolt clamp on the other end of the coupler.



20. Remove the MAF sensor from the factory air box, then install it onto the HPS intake pipe using the M4 screws supplied.



21. Install the HPS intake pipe into the coupler, but not tighten the clamp on the coupler yet.



22. Re-insert the MAF sensor harness clip onto the heat shield.



23. Install the HPS air filter onto the HPS intake.



24. Secure the HPS intake pipe onto the bracket using the M6 bolt and washer supplied in the hardware kit.



25. Re-install the breather hose onto the HPS intake and tighten the t-bolt clamp securing the intake into the coupler.



26. Re-install the engine cover back onto the vehicle.



27. Re-install the engine cooling panel as well as the air filter box panel back onto the vehicle.

**Final Steps**

Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving vehicle. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles and correct the problem.

Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.

